



Jin Wang

PSAM12 Speaker Bio

A Parallel Manipulation Method for Zero-suppressed Binary Decision Diagram

Short Statement: First author

BIOGRAPHY

Dr. Jin Wang, born on Jun. 13, 1987, was an undergraduate of University of Science and Technology of China from 2005 to 2009 and admitted to School of Nuclear Science and Technology of USTC in 2009 to study for a doctoral degree. His doctoral student major was Nuclear Science and Technology at USTC from 2009 to 2014, focusing on Probabilistic Safety Assessment and RAMI of nuclear power plants and fault tree analysis algorithms.



Now, he is an assistant researcher from Institute of Nuclear Energy Safety Technology, Chinese Academy of Sciences •FDS Team. He is the technical backbone of the Project of Intergrated Reliability and Probabilistic Safety Assessment Program RiskA. He is the author or coauthor of more than 30 papers and the inventor of more than 10 patents in China.

In future, his research work will mainly focus on the PSA and RAMI of advanced nuclear power systems like ITER, CFETR in China, etc. Risk-informed decision making and safety design approach of such systems are also his interests.

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